ISRCS 2010

3rd International Symposium on Resilient Control Systems

August 10-12, 2010

The major purpose of this symposium is to extend and endorse particular concepts that will generate novel research and codify resilience in next generation control system designs.

There will be four tracks for this year's symposium:

- **Complex Networked Control Systems**
- **Human Systems**
- **Cyber Awareness**
- **Data Fusion**

Submission Schedule
- Paper Submission Due: ~~April 5, 2010~~ May 7, 2010 Extended
- Notification of Paper Acceptance: June 7, 2010
- Final Paper Submission: July 12, 2010
- Symposium Website: http://www.inl.gov/isrcs

Call for Papers
Paper submission will be handled through the symposium website listed above. Please refer to this website for the latest information.

Cost
- $345
- $295 for early registration by August 1, 2010
- $50 discount for IEEE IES members

Venue (transportation from accommodations provided)
University Place
1770 Science Center Dr
Idaho Falls, ID 83402

Accommodations (Ask for ISRCS Symposium)
- Ameritel Inn (208) 523-1400
- Shilo Inn (208) 523-0088

Schedule
- Day 1: Tutorial Sessions
- Day 2: Paper Sessions
- Day 3: Panel Discussions

Topical Areas (including, but not limited to)
- Human Machine Interaction: cognitive modeling, machine learning, digital human modeling
- Human Systems Design: environmental configuration, tailored presentation
- Control Theory: intelligent, reconfigurable, optimal
- Control Framework: supervisory, multi-agent, distributed intelligence
- Control Security: decoys, randomization, diversity, training and cognition, decision making, measurement
- Cyber Architecture: health indicators, defense optimization
- Data Fusion: data reduction, security characterization, data diversity, anomaly detection, response prioritization
- Computational intelligence: machine learning, neural networks, fuzzy logic, evolutionary computation, Baysian belief networks

Keynote Speakers
- Dr. Chitra Venkatramani, IBM
- Prof. Bogdan Wilamowski, Auburn University
- Prof. Mo-Yuen Chow, North Carolina State University
- Dr. Floyd (Ben) Cole, III, National Security Agency

Benefits
- Opportunity to participate in an evolving focus area within critical infrastructure protection and cyber-physical systems
- Reduced registration fee for IEEE IES members
- Optional trip to area attraction for a nominal fee

General Chairs
- Craig Rieger, Idaho National Laboratory
- Milos Manic, University of Idaho

Track Chairs
- Eugene Santos, Dartmouth College
  Cyber Awareness Track
- YangQuan Chen, Utah State University,
  Complex Networked Control Systems Track
- Barrett Caldwell, Purdue,
  Human Systems Track
- Devendra Garg, Duke University,
  Data Fusion Track

Technical Co-Sponsor
- IEEE Industrial Electronics Society

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Contact Information

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